OIPE

RAW SEQUENCE LISTING

DATE: 09/21/2001

PATENT APPLICATION: US/09/941,831

TIME: 20:19:32

Input Set : A:\PT049seqlist.txt

Output Set: N:\CRF3\09212001\1941831.raw

Does Not Comply
Corrected Diskette Needed

	2 ~110>	APPLICA	um. Ebno	rotal —	_	110 -1	, Correc	GEO PIONS	
_	4 <110>	TTTLE OF	NI: EDHEI	ION: PT049P	) goes or	-61307l	He		
					<del></del>			Polypeptides,	and
ntibo		TIDE KEI	EKENCE.	Joer They Three		Juacase 101	ynucieotides,	rorypeptides,	and
		CHERRY	ADDT.TCAT	PTON NUMBER	: US/09/941	931			
,,				DATE: 2001-0		, 031			
1					PCT/US01/06:	256			
				TE: 2001-02		250			
				ON NUMBER: (					
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				NOS: 29	02				
				tIn Ver. 2.0	1				
		SEQ ID 1		cin ver. z	,				
		LENGTH:							
		TYPE: Di							
		ORGANISM		canions					
		SEQUENCE		saprens					
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				_			accctcatga	120	
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	_				tgtctccggg			720	
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	-	SEQ ID N						733	
		LENGTH:							
		TYPE: DN							
		ORGANISM		saniens					
		SEQUENCE		Japiens				•	
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	_		_		tttgggaaat			120	
					tagatataga			180	
					tgctctgtgt			240	
	-			•	gactgacatt		_	300	
					aggtgctatg			360	
		-		•	tgggtgccta			420	
					ctgaatctag			480	
					aagcatgtca			540	
		-	-	_	attttgcttt	_		600	
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					acacactttc			780	
•		,	,		- · <del>-</del>				



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62 aaaaccctca actgttgtaa atcatgcaat taaagttgat tacttataaa tatgaact	
63 ggatcactgt atagactgtt aaatttgatt tottattacc tattgttaaa taaactgt	
64 gagacagaca aaaaaaaaaa aaaaaaaaaa aaaaaaaa	aa 960
65 aaaaaaaaa aaaaaaa	977
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76 gatgtgacta cccctgaatc tacaaagaat cttgtggagt catctatggt gaatggag	
77 ttgacatcac aaacaaaaga aaacgggtta agtacctcac agcaggtgcc tgcacagc	
78 aagaagetee teagageeee aactetggee gaactggaca getetgagte tgaggaage	, ,
79 acgetgeaca agtegaceag cageageage gtgtetecet ettteeetga agageeag	
80 ctggaggccg tgtccacaag gaagaagcct ccaaaattcc tgcccatatc atcaacac	
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82 aacgtgaggc agttcctgcc gccttccagg cagagttccc gctctcttga ggaattctg	
83 tacccagtgg aatgcctcgc tcttactgtg gaagaagtga tgcatattcg ccaggtcc	
84 gtgaaggcag agctggaaaa ataccaacag tataaagaca tctacaccgc cttgaaaaa	
85 ggaaagetet gettttgttg eegaaceagg aggtttteet tetteaettg gtettatae	
86 tgtcagttct gtaagaggcc ggtgtgctca cagtgttgca aaaagatgcg gctgcccto	
87 aaaccatact ccactcttcc tatcttttca ttgggacctt ctgctctgca aagagggga	
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94 gtccgtgcgc gaggacactg agccgggctg gctctccttt ctgtggtttt atttaatg	rg 1260
95 cttgaatttg cattagatca gatttttgcc gcatcacatt gttccacaga ctgaatgct	ig 1320
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98 ttagttcagt tctttactgt tcctcgaata atctcctgac taaggcaaaa aaaaaaagg	t 1500
99 totoctacga gaatcagtot aacagagatg cogatgtoag cacagocota agcagtaag	rt 1560
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103 ttctagtgca aaacatctga agagctgtac acccacaagg gtgactattt cccctgag	
104 gccgtgttgt cccagtgccc tggttcagtg tctcctgagt ggatgacagg tcttcatt	_
105 ctatcttgaa tgtattatgg ttactaatag ttttataatg gaggtctaag aattaaag	
106 gtgtgggagt ttcaggacaa aggaaggcta aaagtttgtc aagacgttga gcgtatt	
107 gttacctatg agaagggttg tgacagtgta cagtggcagc tgttggccac gctgcaga	-
108 tgagetggag etcatgggtt tteagetaca ttttteataa etttgtagta eatecate	
109 gagtaaatta agccacaatt tggtacctag ggtctcaaac taaaatttat ttttataa	
110 gaattttaaa agaaaaaata totacttott ttaaagttag aagaaaatta acctgoto	
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112 ggtttggttt ctgacgaaag tagactggag ggtagcattg tatgcctcaa atgtctca	
113 gtgtttggct catacgtggg ctatacttta ttattttggt atgcttacaa atgactaa	
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				•					
114	aatcaaattg	tcattaatgt	ttggaaaatc	tgttaatgca	catgcacaat	aatttcctga	2460		
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116	ggctgcattt	cataccacat	caaaatacag	taacatttct	atactaaatt	aacagtaata	2580		
117	cctcaaaact	gctccggtag	tagtttttaa	tggattgaaa	tttacagttt	agtaaaaggc	2640		
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119	cagttggtct	gtatttgcat	gtaaaagtgg	gccaccagag	aacccttatt	gattacttaa	2760		
120	gtgtttacat	tattttaaag	actcctgttt	aagagctttc	agaattgtac	tgggtgaatc	2820		
121	tcatttataa	aacttcctaa	gagactatct	gaactctata	ctccagacag	ttaggtggga	2880		
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123	ggcacaaggg	ggaaggaaat	ggtatttgta	tatgtatata	aatatgcacc	taggagaatg	3000		
124	tgctttttaa	aataatgact	actgttttta	ttaaaacata	agaaactaca	ccccaaaat	3060		
125	aagactttca	ttcacattca	caaagcaaac	atctagtaca	tgtctttcac	ttcactttat	3120		
126	gatagtgtat	tggatgattt	gggcattacg	atcacctctt	accacagcac	agaacataca	3180		
127	ttcttcaaca	gcattaacgg	agtttgccaa	gtgcattaaa	gaggtcacgt	ggagggtacg	3240		
128	ttcatatgaa	acaatctgca	gaaagtgggg	taagaaaggg	cacatggcac	agttaaagtt	3300		
					agtcttacat		3360		
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131	aagagcttgt	ggagcttggt	tttaaaatcc	ttagcctggt	ctgactttag	gcatagcttc	3480		
132	cagttcttcc	ttccgtgtcc	tggtttcttg	ttcagtttta	cttctaatcc	aacaacaaaa	3540		
					agagcatgtg		3600		
					gagcaccggt		3660		
		_	_		ccctctccat	_	3720		
	_				gtaatatatt		3780		
					ccaaggcaag		3840		
					attcttaagg	-	3900		
					atgtttaaag		3960		
					ttatttttct		4020		
					agtttattgc		4080		
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157	ggaaaaaaaa	ggaggtgctc	agccttggtt	accatggcaa	cgtggtggct	ctttgggagc	240		
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168	tggccattaa	ccaggccatc	gcctgcagga	ggatcaaggc	gccggtggtc	ctgagccgag	900
169	atcaccatga	cgtgagcggc	accgacagcc	cctttaggga	gacctccaac	atttacgacg	960
170	gctctgcctt	ctgtgcagac	atggctgtgc	agaacttcgt	gggagatgcc	tgtcgcggag	1020
171	ccacctgggt	cgcccttcac	aacggagggg	gcgtgggctg	gggtgaggtg	atcaacgggg	1080
172	gattcggcct	cgtgctggac	ggtaccccgg	aggccgaggg	gagagccagg	ctgatgctca	1140
173	gctgggatgt	ctccaatggt	gtggcccggc	gctgctggtc	agggaaccag	aaggcctatg	1200
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			ggcgatcctc				1380
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			agctggaaga				300
			gggatgtcaa				360
			aggctgtcct				420
			aggccttgcg				480
			atgccaaagt				540
			aaaagcaaaa				600
			agatetteeg				660
			acctcatgct				720
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			gccaggctgt				840
			aaggtgtcaa				900
			agctgaaggt				960
			aaggccgaga				1020
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			cctcagcgct				1860		
			tggagctggc		_	-	1920		
			gcttcgtgcg				1980		
			gcatggtgaa				2040		
		-	tcttcttggc				2100		
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			ggttcctaaa		-		540		
			acgtgtccct				600		
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VERIFICATION SUMMARY

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DATE: 09/21/2001 TIME: 20:19:34

Input Set : A:\PT049seqlist.txt

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L:8 M:270 C: Current Application Number differs, Replaced Current Application Number